

ABSTRACT OF THE DISCLOSURE

A angle sensor 103 identifies a angle phase of a rotatable member based on a kind of an identified pattern of the angle phase to detect an angular position of a steering shaft driven by a motor 6. A steering controller 100 identifies a rotational direction based on an identified pattern output of the angle and performs a sampling of the pattern output at a predetermined interval, identifies an order of combination order of the identified pattern of an angle phase in a first sampling and a second sampling following to the first sampling, and determines a pattern exchange number with the rotational direction from the order in the first sampling to the order in the second sampling. The steering controller 100 adds a number corresponding to the pattern exchange number to a counting number when the rotational direction is plus and decrease a number corresponding to the pattern exchange number from the counting number when the rotational direction is minus in order to identify the angular position of the steering shaft by the counted number.